

# **December 08 – January 09**

## **The Endless Storm**

### **WSDOT Response**

**Paula Hammond**  
Secretary of Transportation

**Dave Dye**  
Deputy Secretary

**Steve Reinmuth**  
Chief of Staff

**Chris Christopher**  
State Maintenance Engineer

**John Himmel**  
Emergency Operations and Safety Program Manager

**Washington State Transportation Commission**  
**January 13, 2009**



# The Arrival of Winter

- Fri Dec 12 - Started snowing  
I-90 closed near Cle Elem due to blizzard conditions
- Sat Dec 13 - Heavy snow Eastern WA  
High winds Olympic Peninsula / icy roads in Puget Sound
- Wed Dec 17 to Jan 1 - Heavy snow statewide / cold
- Thu Jan 1 - All passes closed / avalanche danger
- Mon Jan 5 - Rains started
- Wed Jan 7 - Flooding and slides started
- Sun Jan 11 - Recovery in progress



Dec 13: US 101 near Kalaloch - high winds





Dec 18: I-5 near Maytown





Dec 19: Hanging over I-5 in Seattle





Dec 22: SR-112 - Neah Bay vicinity Rockslide



Dec 25: WSDOT Wandermere Spokane Facility





Dec 26: WSDOT Yard in Spokane



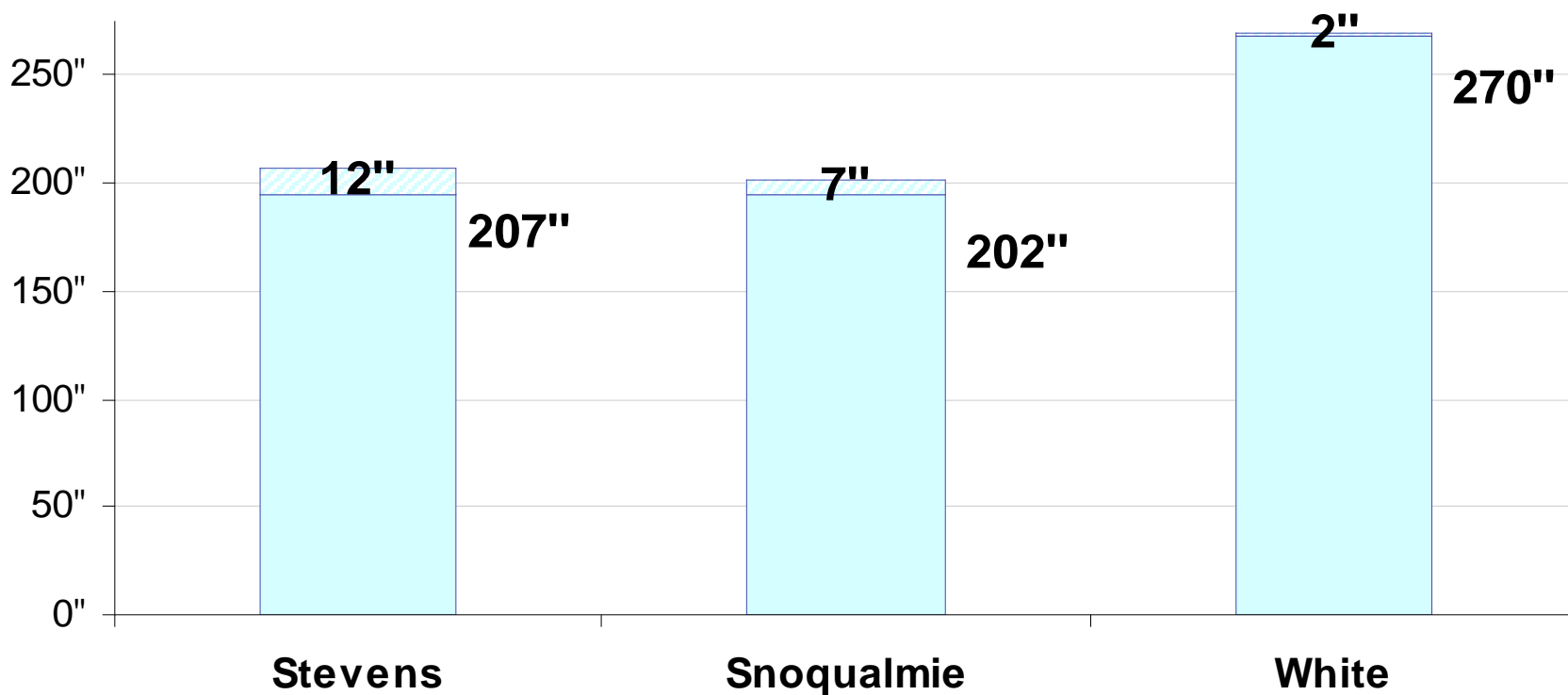
# **Winter Storm Precipitation** **December 12, 2008 - January 8, 2009**



# Mountain Pass Snow Fall

Through Jan 12, 2009

Stevens		Snoqualmie		White	
Last 24 Hrs	YR to Date	Last 24 Hrs	YR to Date	Last 24 Hrs	YR to Date
<b>12"</b>	<b>207"</b>	<b>7"</b>	<b>202"</b>	<b>2"</b>	<b>270"</b>





# WSDOT crews mobilized to assist counties in the snow fighting efforts

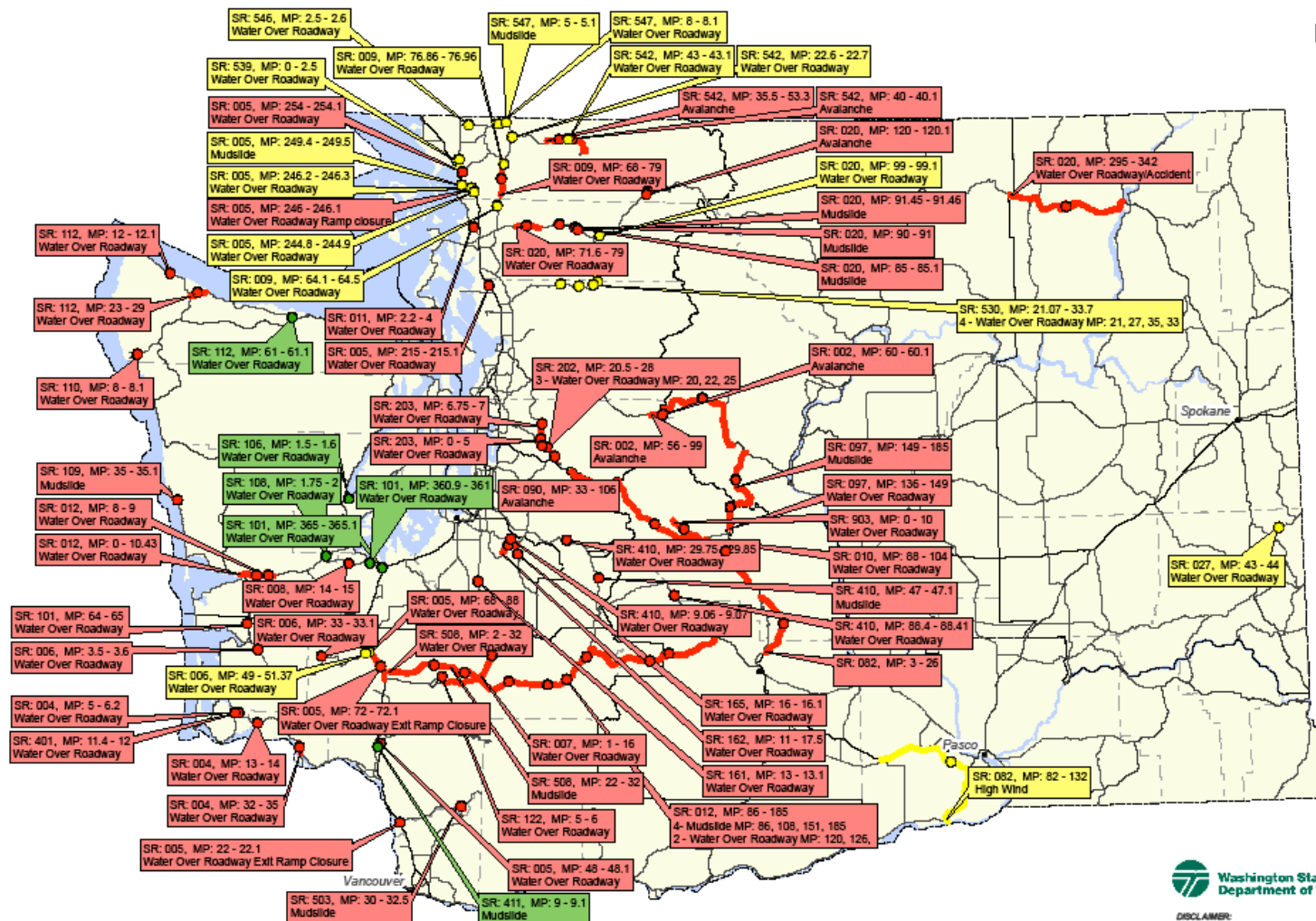
- Tacoma to Spokane County
  - 3 Plows
  - 6 Personnel
- Aberdeen to Spokane County
  - 2 Plows
  - 4 Personnel
- WSDOT to Snohomish County
  - 1 Grader



# Wednesday, Jan 7 - 11:30 PM

## January Floods 2009

Time of Production: 2330 Date: 1/7/2009



Washington State  
Department of Transportation

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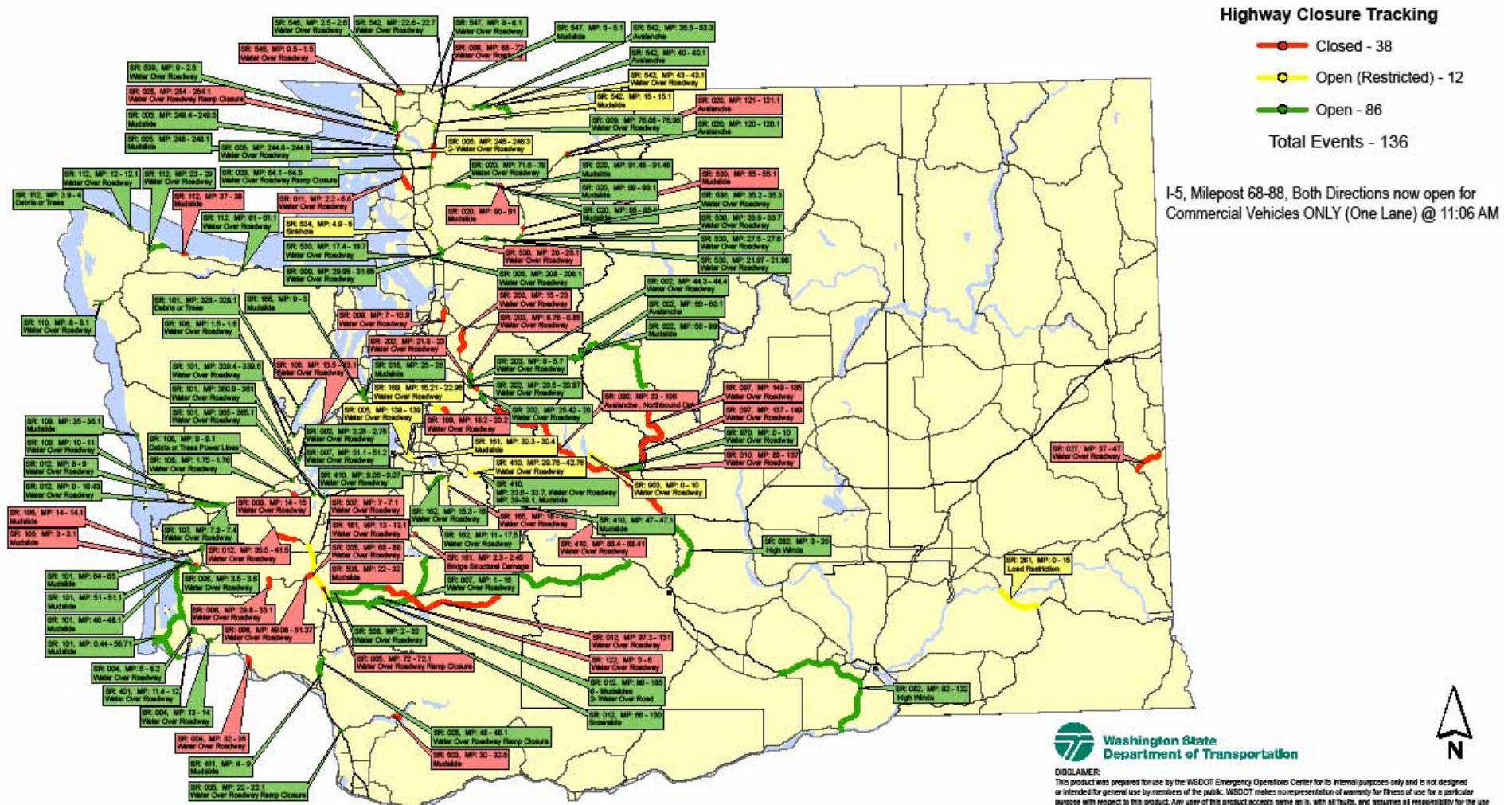
**NOTE:**  
Situational and Event type maps are updated on a one or two hour cycle depending on the activity level of the activation. Please ensure that you are utilizing the most current map product for operational decision making.



# Friday, Jan 9 - 10:00 AM

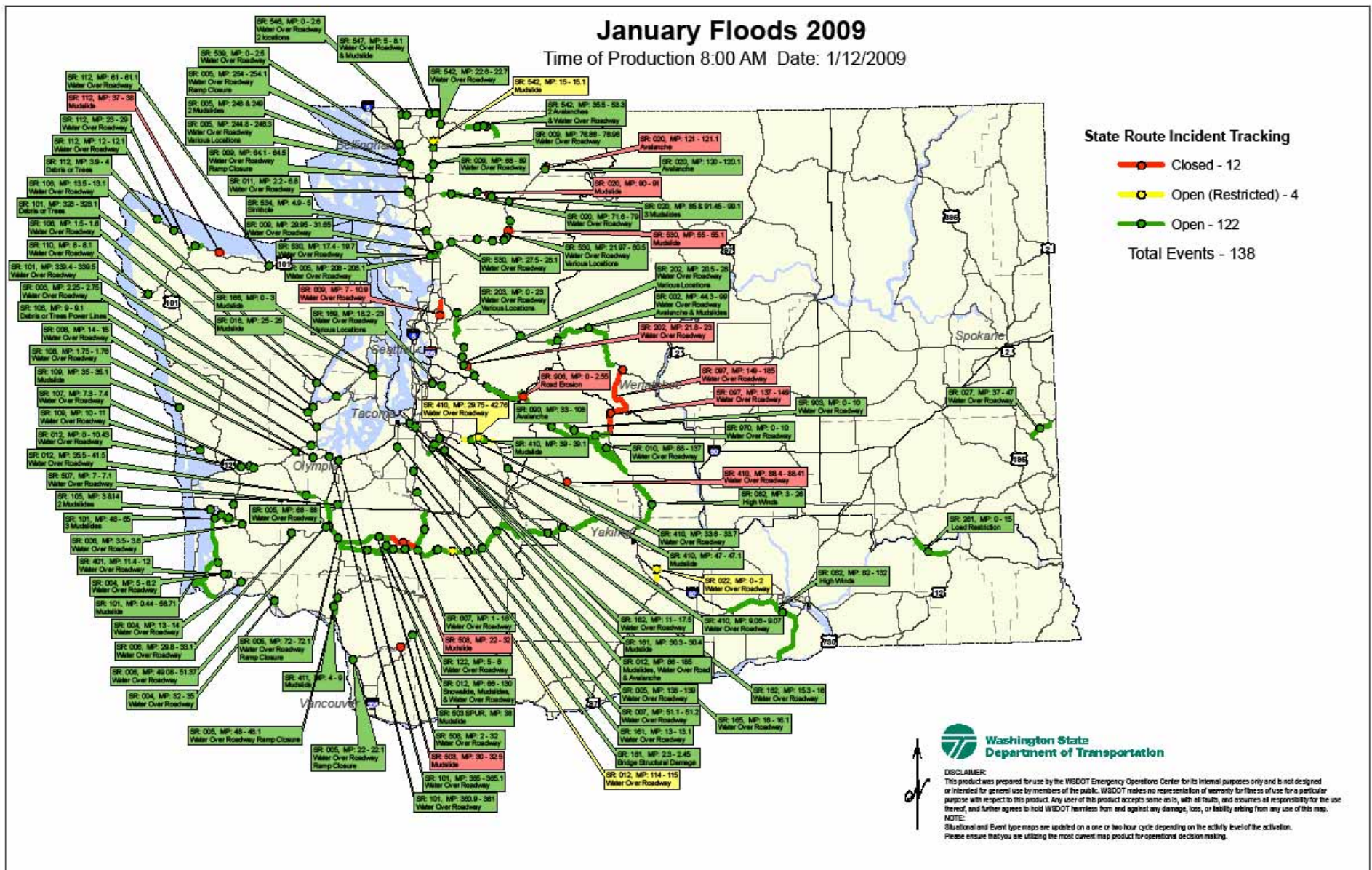
## January Floods 2009

Time of Production 10:00 AM Date: 1/9/2009





# Monday, Jan 12 - 8:00 AM





# Closure Comparisons

## Last Winter – This Winter

I-90 Snoqualmie Pass		Interstate 5	
Jan 29 – Feb 2 2008	Jan 6 – Jan 9 2009	Dec 3 – Dec 6 2007	Jan 6 – Jan 9 2009
61 Hrs	60 Hrs	108 Hrs	43 Hrs



Capt. Robert Johnson with Washington State Patrol watches from the Clester of Commerce Way bridge in Chehalis as Interstate 5 is opened for truck traffic at noon Friday. I-5 was closed in a portion of Lewis County for three days, leaving truck drivers waiting in their cabs.

# Freight Impacts

- Estimate for the economic impacts
- I-5 through Lewis county
  - \$12 million per day
- I-90 closure
  - \$6 million per day





Jan 7: US 12 - White Pass





Jan 8: I-5 - South of Bellingham





Jan 8: SR 542 - Mt Baker Hwy east of Glacier





Jan 8: SR 530 - Rockport / Darrington





Jan 9: SR 202 - near Fall City





Jan 9: SR 202 - near Fall City





2 South bound lanes  
1 North bound lane  
are underwater

Jan 9: I-5 - Fife Curve



Jan 10: SR 97 - South of Blewett Pass





Jan 10: SR 97 - Blewett Pass



Jan 11: SR 112 - Clallam County





Jan 7: I-90 - Snoqualmie Pass



Jan 7: I-90 - Snoqualmie Pass





Jan 7: I-90 - Summit E. Snoqualmie Pass



Jan 7: I-90 - West of Snoqualmie Pass





Jan 9: I-5 / SR 6 - Chehalis



Jan 9: I-5 / SR 6 - Chehalis



Landslide on SR-12 Randle vicinity



Jan 9: SR-12 - Randle vicinity landslide





Jan 9: SR-12 - Randle vicinity





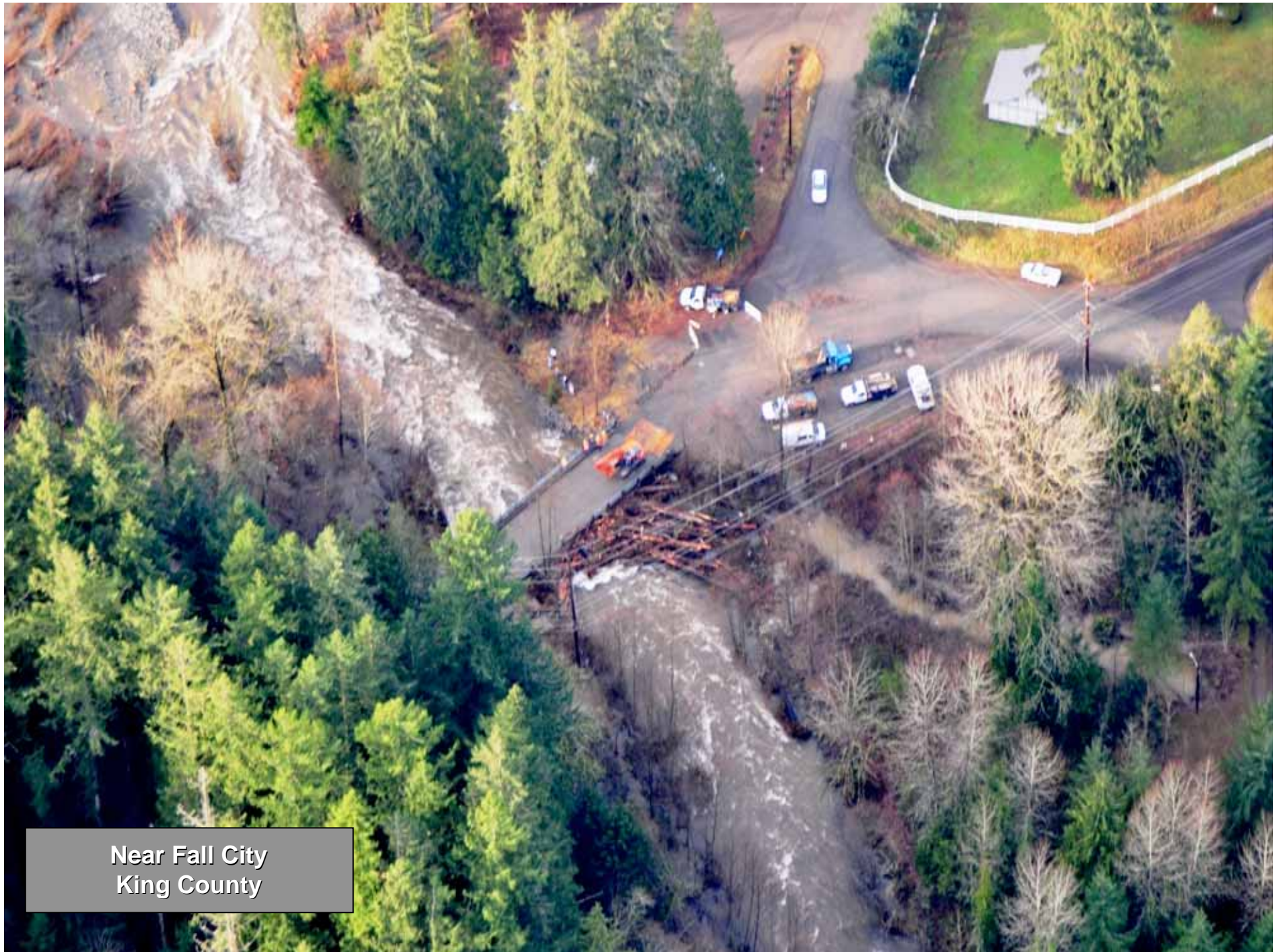
Highway 101  
Pacific County





Fall City  
King County





Near Fall City  
King County





Puyallup River/Lincoln Ave Bridge in Tacoma



# Maintenance Budget Snow and Ice Impacts

Last Year (Winter 2007-08)	\$6.5 m shortfall
Governor's Proposed 2009 Supplemental Budget:	<u>\$6.5 m</u> \$0.0 m
This winter:	
Thru Dec 2008 actual costs:	\$18.9 m
Thru Dec 2008 planned costs:	<u>\$16.3 m</u>
So far, Winter 2008-09	\$ 2.6 m shortfall

# Damage Estimates

As of 12 January, 2009

WSDOT Routes: (Fed Aid Eligible) \$22 M

City/County Routes: (Fed Aid Eligible) \$25 M

Total: \$47 M

**The \$47M is the initial estimate and will change as more evaluations are conducted**